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DOCKET NO.: MS177851.01/MSFTP954US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of

Applicant: Eric J. Horvitz, *et al.*  
Serial No.: 10/036,566  
Filed: December 21, 2001  
For: METHODS, TOOLS, AND INTERFACES FOR THE DYNAMIC ASSIGNMENT OF PEOPLE  
TO GROUPS TO ENABLE ENHANCED COMMUNICATION AND COLLABORATION  
Art Unit: 2143  
Examiner: Alina A. Boutah

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

1. Pursuant to 37 C.F.R. §1.97 and §1.98, and in compliance with 37 C.F.R. §1.56, the Office's attention is directed to the patents, publications and other information listed on the attached PTO-1449. A copy of each listed document is enclosed except for: (a) pending applications; (b) those previously cited or submitted to the Office in the following application(s) upon which this application relies for an earlier filing date under 35 U.S.C. §120; and/or (c) U.S. Patent(s) and published applications(s).

Serial No.: \_\_\_\_\_  
Filing Date: \_\_\_\_\_

Regarding any document, publication or other information for which a date is not given on the attached PTO-1449, Applicant(s) believe(s) the same may qualify as "prior" art to this application and should be treated accordingly, although Applicant(s) reserve(s) the right to contest the prior art status of any document, publication or information, should issue arise.

2. Regarding each listed document that is not in the English language, an English-language translation accompanies this Statement as indicated on the attached PTO-1449 or a concise explanation of the relevance of the document is set forth in the following document(s):

- (a) ☐ Copy of each English language version of a search report indicating the degree of relevance found by the foreign office of each document being submitted from the search report.
- (b) ☐ Attachment entitled "Concise Explanation of Relevance of Non-English Language Documents".

3. Pursuant to 37 C.F.R. §1.97(b) this Statement is being filed (one must be checked):

- (a) ☐ Within 3 months of the filing date or date of entry into the National Stage.
- (b) ☐ Before the mailing date of a first Office Action on the merits. If this Statement is not filed before the mailing date of a first Office Action on the merits, the required certification is given below or, in the absence thereof, the Office is authorized to charge the required fee set forth in 37 C.F.R. §1.17(p) to Deposit Account No. 50-1063 for consideration of this Statement.
- (c) ☐ Before the mailing date of an Office Action after the filing of a request for continued examination under 1.114.

- (d) ☒ After the period set forth in 37 C.F.R. §1.97(b) but before the mailing date of either a final action or a notice of allowance.
- (1) ☐ The required certification is given below, or
- (2) ☒ Regarding the fee set forth in 37 C.F.R. §1.17(p) for consideration of this Statement :
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## 4. Certification (if applicable)

- (a) ☐ The undersigned hereby certifies that each item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than 3 months prior to the filing of this Statement.
- (b) ☐ The undersigned hereby certifies that no item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the undersigned's knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. §1.56(c) more than 3 months prior to the filing of this Statement.

## 5. The Commissioner is hereby authorized to charge any additional fees or credit any overpayment to Deposit Account No. 50-1063.

Respectfully Submitted,

By

  
Himanshu S. Amin  
Reg. No. 40,894

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CERTIFICATE OF FACSIMILE

I hereby certify that this correspondence (along with any paper referenced as being attached or enclosed) is being faxed to 571-273-8300 on the date shown below to Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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2/15/06  
Himanshu S. Amin

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**SUPPLEMENTAL INFORMATION  
DISCLOSURE STATEMENT  
BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 6

**Complete if Known**

|                        |                         |
|------------------------|-------------------------|
| Application Number     | 10/036,566              |
| Filing Date            | December 21, 2001       |
| First Named Inventor   | Eric J. Horvitz, et al. |
| Art Unit               | 2143                    |
| Examiner Name          | Alina A. Boutah         |
| Attorney Docket Number | MS177851.01/MSFTP954US  |

**U. S. PATENT DOCUMENTS**

| Examiner Initials* | Cite No. <sup>1</sup> | Document Number<br>Number-Kind Code <sup>2</sup> (if known) | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|--------------------|-----------------------|---|--------------------------------|--|---|
|                    |                       | US- 6,513,046   | 01-28-2003                     | Abbott, III et al.                                 |   |
|                    |                       | US- 6,747,675   | 06-08-2004                     | Abbott et al.                                      |   |
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**FOREIGN PATENT DOCUMENTS**

| Examiner Initials* | Cite No. <sup>1</sup> | Foreign Patent Document<br>Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known) | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>or Relevant Figures Appear | T <sup>6</sup> |
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|   |  | Application Number       | 10/036,566              |
|   |  | Filing Date              | December 21, 2001       |
|   |  | First Named Inventor     | Eric J. Horvitz, et al. |
|   |  | Art Unit                 | 2143                    |
| Sheet <u>2</u> of <u>6</u>  |  | Examiner Name            | Alina A. Boutah         |
|   |  | Attorney Docket Number   | MS177851.01/MSFT954US   |

| U. S. PATENT DOCUMENTS |                       |   |                                |  |   |
|------------------------|-----------------------|---|--------------------------------|--|---|
| Examiner Initials*     | Cite No. <sup>1</sup> | Document Number<br>Number-Kind Code <sup>2</sup> (if known) | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
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|                        |                       | US-   |                                |  |   |

| FOREIGN PATENT DOCUMENTS |                       |   |                             |   |   |                |
|--------------------------|-----------------------|---|-----------------------------|---|---|----------------|
| Examiner Initials*       | Cite No. <sup>1</sup> | Foreign Patent Document   | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T <sup>6</sup> |
|                          |                       | Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known) |                             |   |   |                |
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| Sheet  | 3 | of  | 6 |

| U. S. PATENT DOCUMENTS |                       |   |                                |  |   |
|------------------------|-----------------------|---|--------------------------------|--|---|
| Examiner Initials*     | Cite No. <sup>1</sup> | Document Number<br>Number-Kind Code <sup>2</sup> (if known) | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
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|                        |                       | US- 2004/0143636  | 07-22-2004                     | Horvitz, et al.                                    |   |

| FOREIGN PATENT DOCUMENTS |                       |   |                             |   |   |                |
|--------------------------|-----------------------|---|-----------------------------|---|---|----------------|
| Examiner Initials*       | Cite No. <sup>1</sup> | Foreign Patent Document   | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T <sup>6</sup> |
|                          |                       | Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known) |                             |   |   |                |
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|   |   | Application Number       | 10/036,566              |                        |                        |
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|   |   | Art Unit                 | 2143                    |                        |                        |
|   |   | Examiner Name            | Alina A. Boutah         |                        |                        |
| Sheet   | 4 | of                       | 6                       | Attorney Docket Number | MS177851.01/MSFTP954US |

| NON PATENT LITERATURE DOCUMENTS |                       |   |                |
|---------------------------------|-----------------------|---|----------------|
| Examiner Initials*              | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
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|                    |                 |
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**SUPPLEMENTAL  
INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

|       |   |    |   |                        |                         |
|-------|---|----|---|------------------------|-------------------------|
| Sheet | 5 | of | 6 | Application Number     | 10/036,566              |
|       |   |    |   | Filing Date            | December 21, 2001       |
|       |   |    |   | First Named Inventor   | Eric J. Horvitz, et al. |
|       |   |    |   | Art Unit               | 2143                    |
|       |   |    |   | Examiner Name          | Alina A. Boutah         |
|       |   |    |   | Attorney Docket Number | MS177851.01/MSFTP954US  |

**NON PATENT LITERATURE DOCUMENTS**

| Examiner Initials* | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
|--------------------|-----------------------|---|----------------|
|                    |                       | MIKE SPREITZER et al., Scalable, Secure, Mobile Computing with Location Information, Communications of the ACM, July 1993, 1 page, Vol. 36 - No. 7.   |                |
|                    |                       | ROY WANT, et al., The Active Badge Location System, ACM Transactions on Information Systems, January 1992, pp. 91-102, Vol. 10 - No. 1.   |                |
|                    |                       | MARK WEISER, Some Computer Science Issues in Ubiquitous Computing, Communications of the ACM, July 1993, pp. 75-84, Vol. 36 - No. 7.  |                |
|                    |                       | M. BILLINGHURST, et al., An Evaluation of Wearable Information Spaces, Proceedings of the Virtual Reality Annual International Symposium, 1998, 8 pages.  |                |
|                    |                       | BRADLEY J. RHODES, Remembrance Agent: A continuously running automated information retrieval system, The Proceedings of The First International Conference on The Practical Application Of Intelligent Agents and Multi Agent Technology, 1996, pp. 487-495.    |                |
|                    |                       | ERIC HORVITZ, et al., In Pursuit of Effective Handsfree Decision Support: Coupling Bayesian Inference, Speech Understanding, and User Models, 1995, 8 pages.  |                |
|                    |                       | BRADLEY J. RHODES, The Wearable Remembrance Agent: A System for Augmented Theory, The Proceedings of The First International Symposium on Wearable Computers, October 1997, pp. 123-128.  |                |
|                    |                       | ERIC HORVITZ, et al., Attention-Sensitive Alerting in Computing Systems, Microsoft Research, August 1999.   |                |
|                    |                       | BILL N. SCHILIT, et al., Disseminating Active Map Information to Mobile Hosts, IEEE Network, 1994, pages 22-32, Vol. 8 - No. 5.   |                |
|                    |                       | MARK BILLINGHURST, et al., Wearable Devices: New Ways to Manage Information, IEEE Computer Society, January 1999, pp. 57-64.  |                |

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PTO/SB/098 (08-03)

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|  |   |    |   | Examiner Name            | Alina A. Boutah         |
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|                                 |                       | THAD EUGENE STARNER, Wearable Computing and Contextual Awareness, Massachusetts Institute of Technology, June 1999, 248 pages.  |                |
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